



# WITA Actuator with Ball Valve

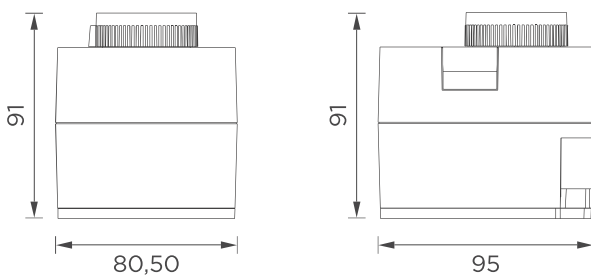
## Product Description

The SM W KV actuators with ball valves are used in heating, solar and cooling systems, in which only the end position of the actuator is used. The actuator and the valve are designed for an operating range of 90°, so they are mainly used for switching between different energy consumers and generators (3-way) or as a shut-off element (2-way). Sets with valves DN 15 - DN 25 are available.



## Technical Data of Actuator

- Built-in permanent „click“ release for manual adjustment
- Easy and quick assembly
- Display of the direction of rotation and the valve position
- Suitable for use in heating as well as hot water systems



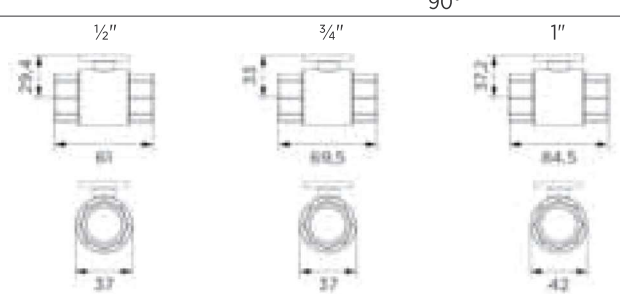
Supply voltage self-consumption	230 V or 24 V
Self-consumption	2,5-5 W
Additional switch for switching off the pump	250 V~, 3 A
Degree of protection	IP 42
Protection class	II for 230 V- voltage, III for 24 V-/V= voltage
Standards used	EN 60730-1, EN 60730-2-14
Housing material	polycarbonate – dark grey
Standard cable length	2 m
Operating temperature	0 °C - 50 °C
Storage temperature	-20 °C - 75 °C
Product weight	390-860 g

# WITA Actuator with Ball Valve

## Technical Data of Ball Valve 2W

- The ball valve driven by the actuator is used for shutting-off liquids, such as in domestic hot water, cooling, or heating systems, as well as in industry and agriculture.
- ON/OFF zone regulation of systems

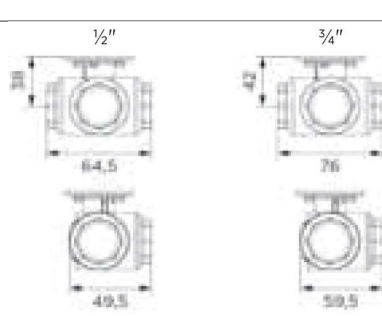


Article description	2-point actuator SM W KV2 - with limit switch + ball valve-set			
Operating mode	2W (shut-off valve)			
Operating temperature	-10 °C - 110 °C			
Angle of rotation	90°			
Dimensions				Kvs-value (m <sup>3</sup> /h)
Article numbers	K AVDO5-2-15	Actuator with ball valve 2-way / DN 15, 2 min., 230 V, 50 Hz, + 2 W ball valve 1/2"		17
	K AVDO5-2-20	Actuator with ball valve 2-way / DN 20, 2 min., 230 V, 50 Hz, + 2 W ball valve 3/4"		41
	K AVDO5-2-25	Actuator with ball valve 2-way / DN 25, 2 min., 230 V, 50 Hz, + 2 W ball valve 1"		70

## Technical Data of Actuator with Ball Valve 3W

- 3-way switching to different energy sources
- Switching takes place a.o. from solid fuel boiler or storage tank to oil or gas boiler
- Domestic hot water heating by switching between heat pump, oil or solid fuel boiler and solar system



Article description	2-point actuator SM W KV3 - with limit switch + ball valve-set			
Operating mode	3W (shut-off valve)			
Operating temperature	-10 °C - 110 °C			
Angle of rotation	90°			
Dimensions				Kvs-value (m <sup>3</sup> /h)
Article numbers	K AVDO5-3-15	Actuator with ball valve 3-way/DN 15, 2 min., 230 V, 50 Hz, + 3 W ball valve 1/2"		5,4
	K AVDO5-3-20	Actuator with ball valve 3-way/ DN 20, 2 min., 230 V, 50 Hz, + 3 W ball valve 3/4"		8,6